

WHAT IS CLAIMED IS:

1. A dental implant anchor (10) for attaching an abutment with at least one replacement tooth to the jaw bone of a mammal, the anchor comprising:

a lower portion (12) with an outer tapered surface (14) which has a thread (16) and is textured to improve bone integration to the anchor; and

an upper portion (18) with a polished collar (21), the upper portion having an upper surface (20) adapted to be engaged by an abutment;

the anchor having an abutment receiving bore (22) extending into the anchor and opening at the upper surface of the upper portion for receiving an abutment, and a threaded bore portion (54) extending into the anchor (10) below the abutment receiving bore (22) for receiving a screw.

2. The dental implant anchor according to claim 1, including at least one toe recess (42) on the outer surface of the lower portion of the anchor for improving threading of the anchor to the bone of the jaw.

3. The dental implant anchor according to claim 1, wherein the upper portion of the anchor includes a cylindrical and textured neck (19), below the polished collar (21).

4. The dental implant anchor according to claim 1, wherein the outer surfaces of the neck and collar are cylindrical.

5. The dental implant anchor according to claim 1, wherein the abutment receiving bore contains a female tapered surface.

6. The dental implant anchor according to claim 1, wherein the female tapered surface is a Morse taper.

7. The dental implant anchor according to claim 1, wherein the abutment receiving bore is polygonal.

8. The dental implant anchor according to claim 1, including a polygonal extension extending from the platform, into the abutment receiving bore.

9. The dental implant anchor according to claim 1, wherein the upper portion of the anchor has a non-threaded neck.

10. The dental implant anchor according to claim 9, wherein the neck has an outer surface that is textured to improve bone adhesion to the anchor.

12. The dental implant anchor according to claim 10, wherein the outer surfaces of the neck and collar are cylindrical.

13. The dental implant anchor according to claim 1, including a fixing screw (52) extending into the threaded bore portion (54).

14. The dental implant anchor according to claim 1, including an abutment with a foundation for extending into the abutment receiving bore and a screw for holding the abutment to the anchor.

15. The dental implant anchor according to claim 14, wherein the abutment receiving bore is polygonal.